



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 15, 2016

Joanna Holcombe
Applied Biochemists
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Subject: Label and CSF Amendment – Addition of 3 new alternate CSFs #1-3 and updates to the label
Product Name: Swimtrine Algaecide
EPA Registration Number: 8959-2
Application Date: 04/19/2016
Decision Number: 516707

Dear Ms. Holcombe:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSFs:

- Basic Formulation Pre-Reaction dated 03/02/2016
- Alternate Formulation #1 Post-Reaction Formula dated 03/02/2016
- Alternate Formulation #2 Post-Reaction Formula dated 03/02/2016
- Alternate Formulation #3 Post-Reaction Formula dated 03/02/2016

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition,

regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Farzana Olla by phone at 703-347-0190, or via email at olla.farzana@epa.gov.

Sincerely,



Jacqueline Hardy, Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: Product Chemistry Review dated 05/26/2016
Label Stamped 07/14/2016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460



OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES
Antimicrobial Division

5/26/2016

DP BARCODE: 433218

MRID:

SUBJECT: Swimtrine Algacide

REG. NO. OR FILE SYMBOL: 8959-2

DOCUMENT TYPE: Product Chemistry Review

Manufacturing-use product [] OR **End-use product**[X]

INGREDIENTS (PC Codes): 024409

CAS Number: 14215-52-2

TEST LAB:

SUBMITTER: Applied Biochemists

GUIDELINE:

COMMODITIES: Formulation

REVIEWER: Sergey Alekseyev

ORGANIZATION: AD/PSB/CTT

APPROVER: Karen P. Hicks

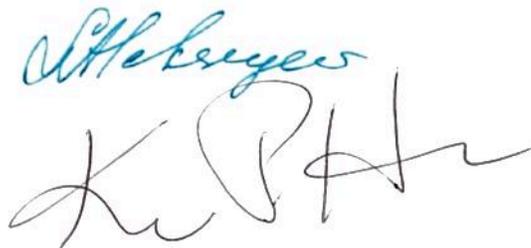
APPROVED DATE:

COMMENT:

TO: Jacquie Hardy/Farzana Olla
PM Team 34

FROM: Sergey Alekseyev, Chemist
Product Science Branch, CT Team
Antimicrobials Division (7510P)

THRU: Karen P. Hicks, CT Team Leader
Product Science Branch
Antimicrobials Division (7510P)

Handwritten signatures in blue and black ink. The top signature is in blue ink and appears to be 'S. Alekseyev'. The bottom signature is in black ink and appears to be 'K. P. Hicks'.

APPLICANT: Applied Biochemists

Action code: (362) Formula Change; Technical;

Due out date: 06/03/2016

Product Formulation

Active Ingredient(s):

Name:
Copper Ethanolamine Complex

% by wt.
23.09

BACKGROUND:

Applied Biochemists, provided EPA Form 8570-4 (Confidential Statement of Formula), three alternate formulations, dated 03/02/2016; and a letter to PM, dated 04/19/2016. The registrant is requesting approval of adding these CSFs (adding three suppliers for an inert ingredient and adding six sources of copper for pre-reaction CSFs) for the product Swimtrine Algaecide, EPA Reg. No. **8959-2**.

FINDINGS:

The CSFs for all alternate formulation is acceptable. The certified limits for all ingredients agree with 40 CFR §158.350. All ingredients have been cleared for use in pesticide formulations.

CONCLUSIONS:

The registrant has satisfied three alternate CSFs requirements for registration of EPA Reg. No. **8959-2**. EPA approves adding these CSFs (adding three suppliers for an inert ingredient and adding six sources of copper for pre-reaction CSFs).

- Note to PM:**
1. All three CSFs for pre reaction formula contain the same error in column 13b: the sum of content exceeds 100%.
 2. All three CSFs for post reaction formula should contain notice that values in parentheses in cells 13b, 14a, and 14b pertain to copper content.

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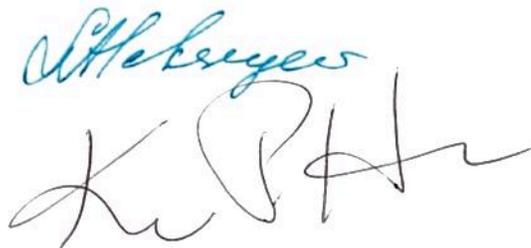
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 2. All three CSFs for post reaction formula should contain notice that values in parentheses in cells 13b, 14a, and 14b pertain to copper content.

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

Swimtrine[®] Algacide

ACTIVE INGREDIENT:

Copper Ethanolamine Complex, Mixed

(Mono CAS # 14215-52-2 and Tri CAS # 82027-59-6)* 23.09%

[INERT][OTHER] INGREDIENTS: 76.91%

TOTAL: 100.00%

*Metallic copper equivalent, 7.41%

Contains 0.72 lbs. of elemental copper per gallon.

ACCEPTED

07/14/2016

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No.

8959-2

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautions and first aid on [left][right][back][side] panel

E.P.A. Reg. No. 8959-2

E.P.A. Est. No. Xxxx-yy-zz

NET CONTENTS : ___ FL. OZ. (___ ml)

[Manufactured [for][by]] [Sold by]:

[Applied Biochemists

1400 Bluegrass Lakes Parkway

Alpharetta, GA 30004]

{or}

[Add brand and website]

[Swimtrine[®] is a registered trademark of Arch Chemicals, Inc.]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID:

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyelids open and rinse slowly with water for 15 -20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF EMERGENCY CALL: 1-800-654-6911.

ENVIRONMENTAL HAZARDS: *{For end-use products in containers less than 5 gallons or 50 pounds use only the first sentence; all others use the full paragraph:}*

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing [this product or product name] into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing [this product or product name] to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE & DISPOSAL:

{Nonrefillable container - household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

{Nonrefillable container – single-use, non-resealable package}

[Keep this product dry in its tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

{Refillable container – household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with copper ethanalamine solutions only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Nonrefillable container - non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Refillable container – non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with copper ethanalamine solutions only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

This product is made especially to control the growth of algae in all types of swimming pools. Its long-lasting action will control existing algae and subsequent doses will control recontamination by algae. Treated water can be used immediately-no waiting to swim!

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

[WHY YOU SHOULD USE THIS PRODUCT: [brand] *{product name}* is made especially to control the growth of algae in all types of swimming pools. Its long-lasting action will control existing algae and maintenance doses will control algae re-growth.]

[Treated water can be used immediately-no waiting to swim!]

{OR}

[Water Treated with this product can be used immediately – NO WAITING.]

[Brand] *{or}* [This product] will not cause water to foam and will not alter the pH or chlorine content of the water.

[For best results, use with [brand] pool care products. For crystal clear pool water, follow our 4 step pool care program.

Step 1: Test and balance water

Step 2: Sanitize

Step 3: Shock at least once a week

Step 4: Add algaecide as directed]

This product comes concentrated. Dilute with at least nine parts of water before applying. Pour required amount into a plastic watering can, fill with water and sprinkle around edge of pool. Apply initial treatment to a freshly filled pool or at first visible signs of algae growth. Apply under sunny conditions for most effective results.

Compatible with bromine, chlorine, salt water, ozone and minerals.

SWIMMING POOL CAPACITY	INITIAL TREATMENT	TREATMENT EVERY TWO WEEKS
5,000 Gal.	2 Ounces	1 Ounce
10,000 Gal.	4 Ounces	2 Ounces
20,000 Gal.	8 Ounces	4 Ounces

IMPORTANT NOTICE: Always apply chemicals separately. Never combine them.

[Take a sample of pool water regularly to your authorized [brand] dealer for a detailed water analysis.]

{Optional for use on swimming pool and spa products.}



[{or}]

{OPTIONAL Marketing terms}

- [Algaecide for Swimming Pools]
- [Concentrated algaecide]
- [Fast-acting, long-lasting treatment to control algae growth]
- [Fast-acting, long-lasting treatment prevents algae from reoccurring]
- [Swim immediately after treatment]
- [Swim immediately after use]
- [Easy to use, concentrated, all-purpose algaecide]
- [Controls growth of algae in all types of swimming pools]
- [Compatible with pools using salt chlorine generators]
- [Controls Mustard Algae Growth in Swimming Pools]

{graphic list}

- [Step 1 – Balance]
- Step 2 – Sanitize
- Step 3 – Shock
- Step 4 – Prevent Algae]
- [Algaecide]
- [Step 4 Algaecide]
- [Step 4 Algae Preventer]

{Alternative 3 Step Program}

3-STEP POOL TREATMENT PROGRAM					
1. SANITIZE		2. SHOCK-OXIDIZE		3. ALGAE PREVENTION	X

{Alternative three step program marketing statements available to all labels. Steps 1, 2, and 3 will only be available to their respective product type/ approved use. We have included all statements here for clarity purposes.}

- [STEP 1] [SANITIZE] [Use a registered sanitizer according to its labeling.]
- [STEP 2] [SHOCK-OXIDIZE] [Use [Product Name] registered shock or [Product Name] oxidizer according to its labeling.]
- [STEP 3] [ALGAE PREVENTION]
- [ALGAECIDES]
- [Algaecides add an extra layer of pool protection, while creating a more pleasant swimming environment. [This product] algaecides safeguard your pool, preventing all types of algae.]
- [BALANCE][BALANCERS] [Properly balanced water prevents corrosion and staining. It will also optimize the performance of your sanitizer. Using [Product Name] balancers, as needed, simplifies the balancing act to help achieve properly balanced water.]
- [SUPPLEMENT] [SUPPLEMENTS]
- [Prevent specific water problems with [Product Name] supplements. The perfect complement to your pool care regimen, [Product Name] offers a variety of cleaners, clarifiers and stain removers.]

{Note to reviewer: The following are optional proprietary graphics}

